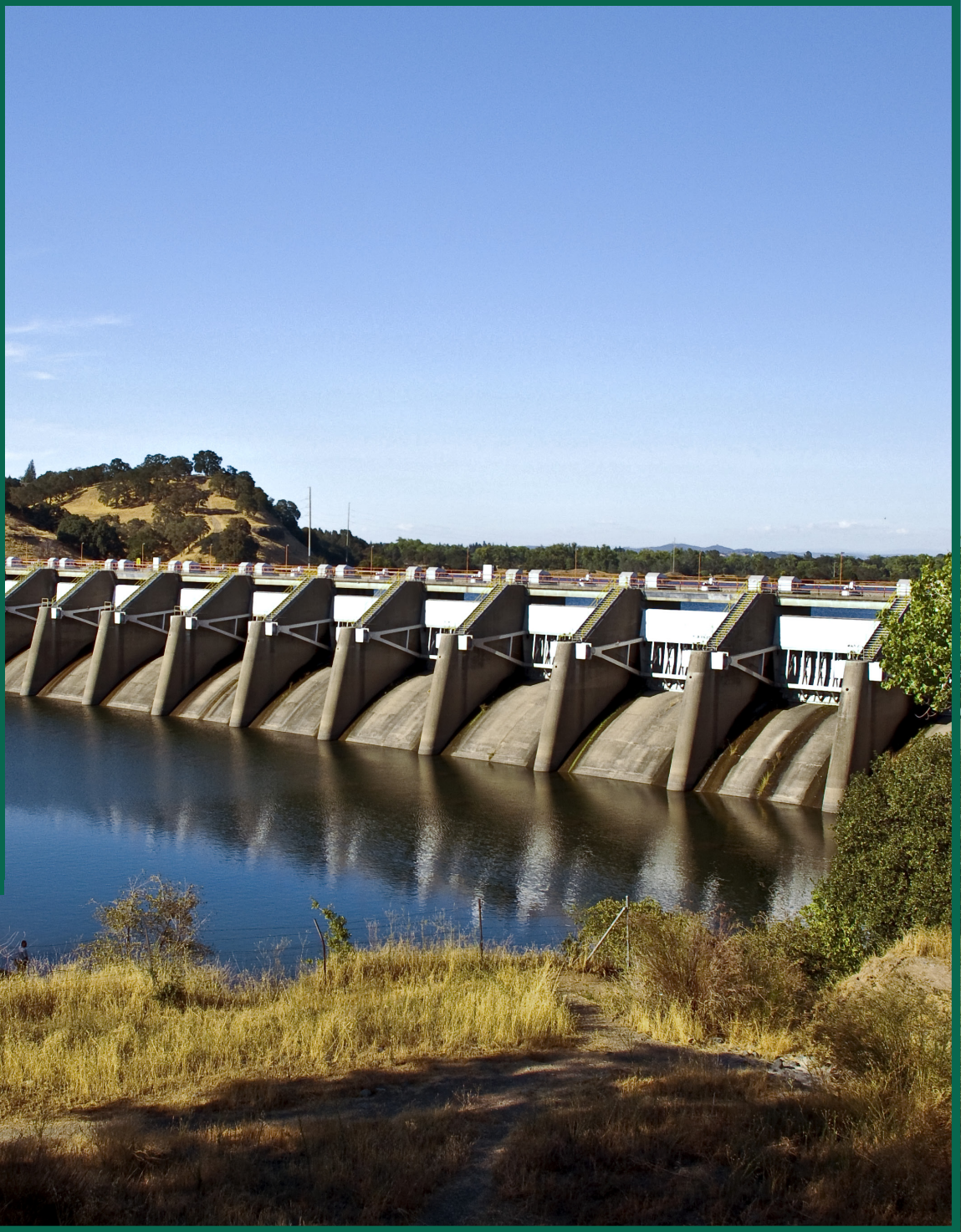


5

Science Standard  
5.3.d.



# Our Water: Sources and Uses

## California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

### The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency  
California Natural Resources Agency  
Office of the Secretary of Education  
California State Board of Education  
California Department of Education  
California Integrated Waste Management Board

### Key Leadership for the Education and Environment Initiative:

**Linda Adams**, Secretary, California Environmental Protection Agency  
**Patty Zwarts**, Deputy Secretary for Policy and Legislation, California Environmental Protection Agency  
**Andrea Lewis**, Assistant Secretary for Education and Quality Programs, California Environmental Protection Agency  
**Mark Leary**, Executive Director, California Integrated Waste Management Board  
**Mindy Fox**, Director, Office of Education and the Environment, California Integrated Waste Management Board

### Key Partners:

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### Office of Education and the Environment

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<http://www.calepa.ca.gov/Education/EEI/>

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## VA #1 Reservoir





## VA #2 Snowpack



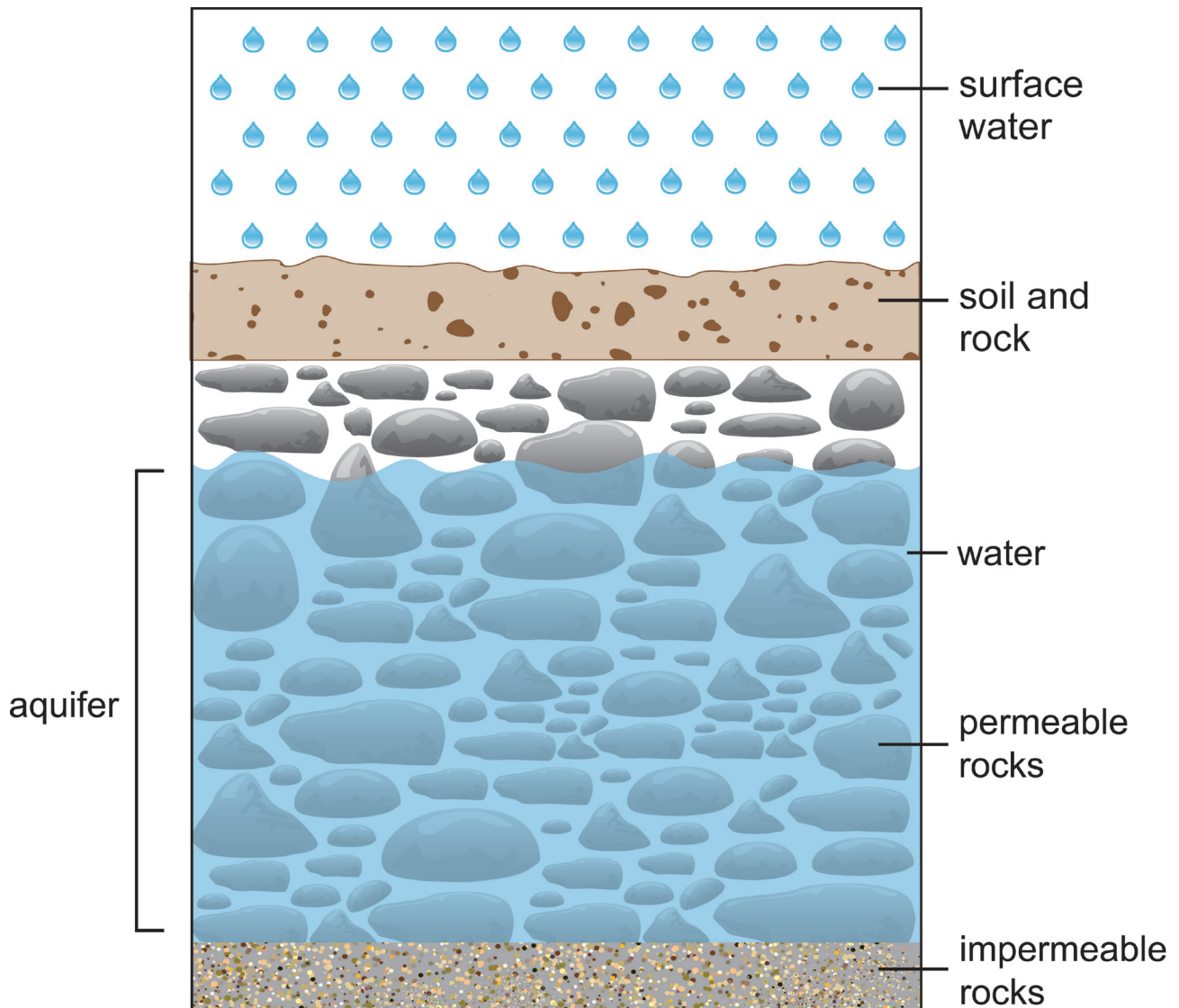


## VA #3 Lake





## VA #4 Aquifer





## VA #5 Freshwater Marsh





## VA #6 Small Stream



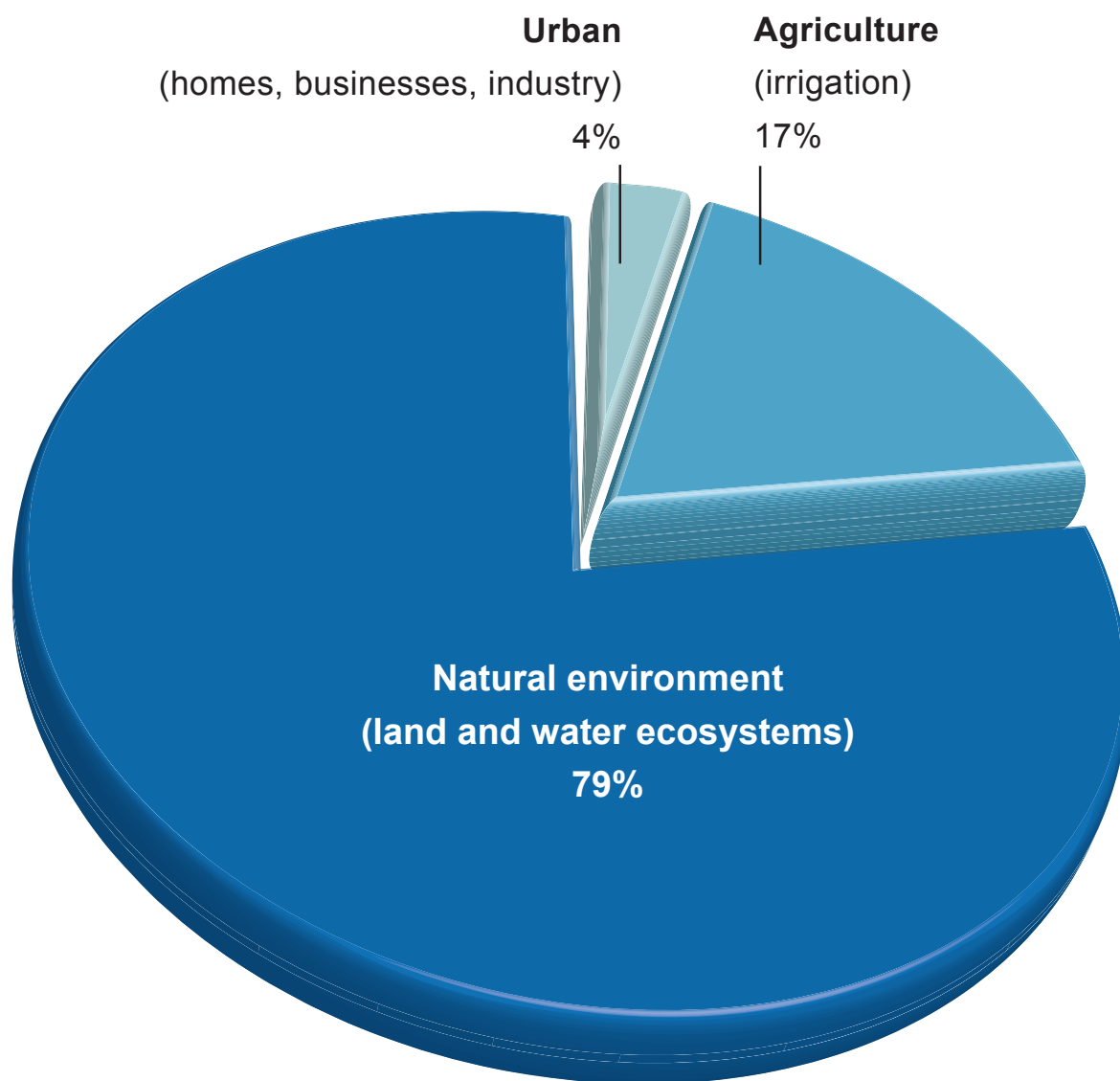


## VA #7 River



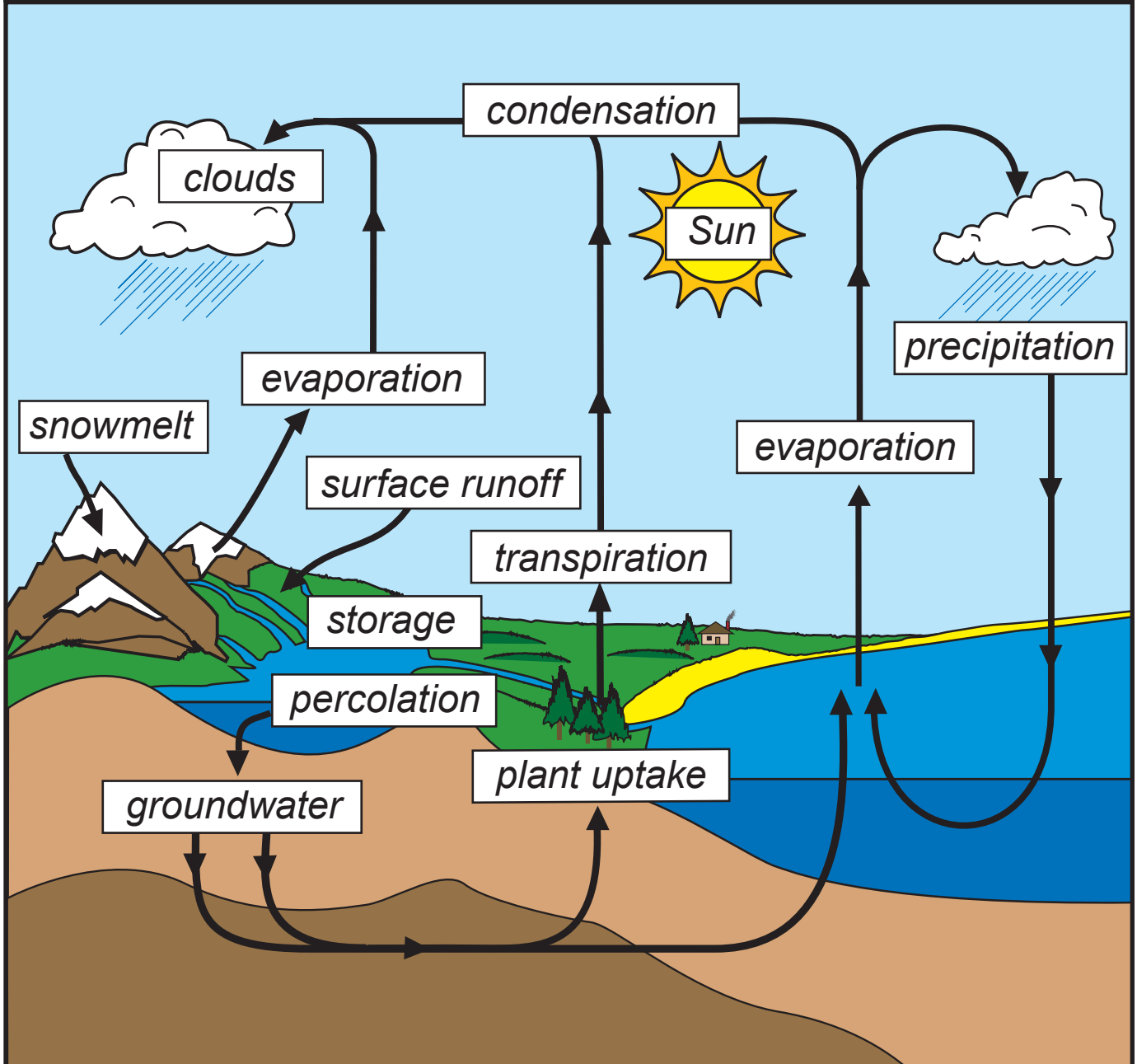


## VA #8 How Precipitation is Used in California



Sources: State Water Resources Control Board and Department of Water Resources

## VA #9 Water Cycle





## VA #10 Water Recycling

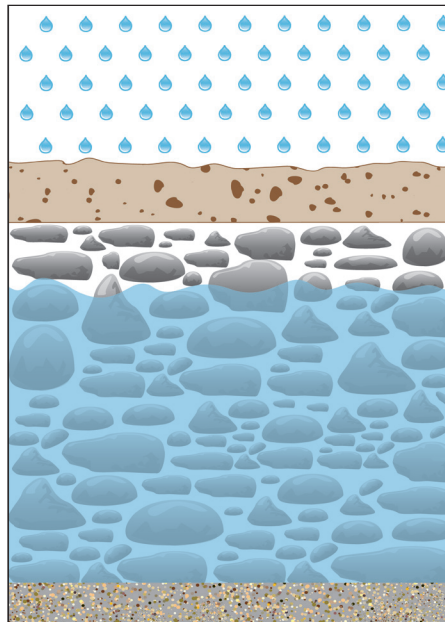
1. Mechanical, biological, and chemical cleaning



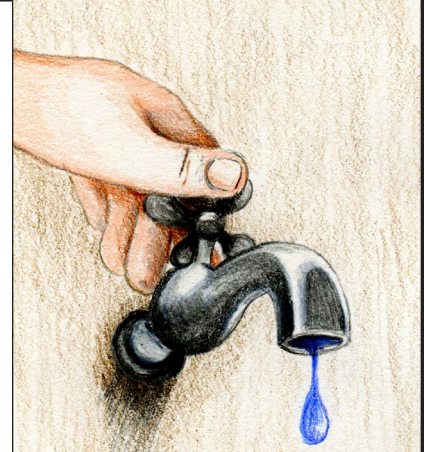
2. Treated water is put into lakes...



3. ...that water percolates into the groundwater (aquifers).



4. Water is pumped from wells, treated, and sent back to your faucets at home!



## VA #11 Presentation Guidelines

**Instructions:** Your group will give a five-minute presentation to the class on what is happening in the watershed your group has been assigned. Your presentation needs to:

- Tell the class what happened in your scenario. Use your own words. Do not repeat what is on the card.
- Show the class where your watershed is on the **Water for Life** wall map. Describe the features of your watershed. This could include things like mountains or rivers.
- Use your visual aid to describe the consequences of the change in your watershed for ecosystems and for people and their communities.
- Tell the class why you think those consequences might occur. Explain why they are important.









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